



REQUEST FOR PROPOSAL

Project Title: Cooley Laboratory Renovation
Location: Montana State University

PPA No.: 10-0023
RFP No.: 62 r
Date: July 25, 2012

To: Dick Anderson Construction
4498 Jackrabbit Lane
Bozeman, MT 59718

Attention: Platisha

From: Cecilia Vaniman, Project Manager
Cooley Lab Renovation
Montana State University

Attention:

In order to expedite the Work and avoid or minimize delays in the Work the following information is requested. Please return a response by: 08/02/2012 Date Sent: 0725//2012 Date Received:

Proposal Requested:

PROVIDE (3) Three Laser Tables & Accessories

Scope of work includes;

- (3) Three Laser tables as described in attachment delivered to Cooley Laboratory Montana State University Bozeman, Montana
Complete set-up & Start-up at Cooley Laboratory.
Full One- Year Warranty
On-site Operations and Training of Laser Table and Accessories.

SEE ATTACHED Specification Sheet.

This RFP is for pricing purposes only. The contractor shall not proceed with the scope of work described within until pricing is approved by the owner in writing.

Distribution: [ ] Owner [ ] Agency [x] Architect [x] Contractor [ ] Engineer [ ] Other

## **Complete Laser System**

consisting of: Completely automated one-box femtosecond laser source with DeepSee dispersion compensation that takes multiphoton imaging to new depths.

InSight DeepSee features an unprecedented 680 nm to 1300 nm continuous tuning from a single source, short 100 fs pulse widths and highest peak power levels into the infrared where imaging penetration depth is maximized.

Spectra-Physics' integrated patented DeepSee, the industry standard dispersion pre-compensator, delivers the short pulses through a microscope to the sample for maximum fluorescence.

This fully automated ultrafast laser can be seamlessly tuned with the click of a mouse to any wavelength within seconds at speeds over 50 nm/sec.

Includes the dual wavelength option at 1040 nm with a second output beam complementing the main tunable output for advanced imaging techniques including uncaging, CARS imaging and multimodal imaging. Covered by full system one-year, unlimited hours warranty.

### **TABLE TOP Qty: 2**

RS2000 Series Optical Table 5 ft x 16 ft x 12 in., ~~1/4-20 Holes~~ M6 Holes  
RS2000 Table Top W/Tuned Damping, 5 foot x 16 foot x 12 inch, tuned internal table top damping, guaranteed Maximum Dynamic Deflection Coefficient  $<4.4 \times 10^{-3}$  (PSD 0-9/transmissibility 0.01), guaranteed Maximum Relative Motion Value  $34 \times 10^{-9}$  inch, 3/16 inch stainless steel top surface, 3/16 inch steel bottom surface, TABLE TOP

### **TABLE TOP Qty: 1**

RS2000 Series Optical Table 5 ft x 8 ft x 12 in., ~~1/4-20 Holes~~ M6 Holes  
RS2000 Table Top W/Tuned Damping, 5 foot x 8 foot x 12 inch, tuned internal table top damping, guaranteed Maximum Dynamic Deflection Coefficient  $<1.4 \times 10^{-3}$  (PSD 10-9/transmissibility 0.01), guaranteed Maximum Relative Motion Value  $<11 \times 10^{-9}$  inch, 3/16 inch stainless steel top surface, 3/16 inch steel bottom surface, self-damping side panels, corrosion-proof sealed mounting holes, lifetime table top warranty, lifetime performance guarantee.

### **Qty: 3**

SET OF FOUR S-2000, 19.5". ACTIVE LEVELING Four S-2000 standard vibration isolators 19.5 in. tall, automatic re-leveling Stabilizer Vibration Isolators, set of 4, 19.5 inch height, exclusive hybrid chamber design and laminar-flow damping offer 50% faster settling time, less amplification at resonance and better high CG stability, patented pendulum horizontal isolation and self-centering piston movement, guaranteed vertical frequency  $<1.1$  Hz at 80 psi, guaranteed  $<1.5$  Hz horizontal frequency, 2,000 lb maximum load each, 2-year warranty.

### **Qty: 3**

AIR REGULATOR FILTER  
Air Regulator and Filter, 0 to 120 psi